

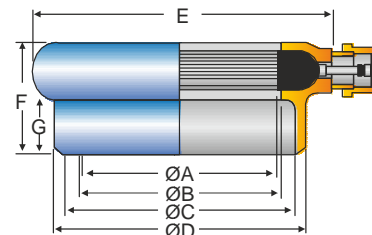
## AIR - UNIONS

ACT's AIR-UNIONS are designed for 150 PSI maximum line pressure.

### Features

- ! Air inflates tube to seal around pipe
- ! Fast and easy make up without close alignment
- ! Allows pipe expansion or misalignment (12°-15°) without breaking the seal
- ! No wrenches, bolts & nuts required
- ! Available in 4", 6", 8", 10", 12" 13", 16" sizes

NOTE: Line pressure = 150 PSI max. Tube pressure = Line pressure + 50 PSI = 150+50=200 PSI (max.)



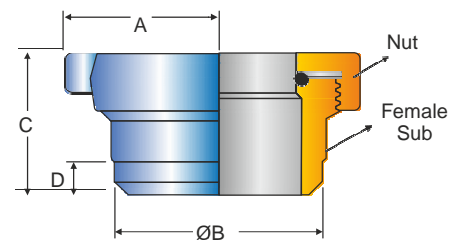
**Air - Union**

SIZE(IN)	4"		6"		8"		10"		12"		13"		16"	
	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
A	4.60	117	6.75	172	8.75	222	10.95	277.5	12.95	329	13.66	347	16.30	414
B	4.60	117	6.93	177	8.93	228	11.14	283	13.12	333	13.78	350	16.41	417
C	5.08	129	8.00	203	10.12	258	12.12	307	13.38	337	15.43	392	17.40	442
D	5.56	141	8.62	223	10.75	279	12.75	324	14.02	358	16.02	407	18.03	458
E	6.62	168	10.5	263	12.25	313	14.50	370	16.50	419	17.24	438	19.84	504
F	3.12	79	4.00	102	4.00	102	4.25	108	4.25	107	4.40	112	4.29	109
G	1.50	38	2.00	51	2.00	51	2.00	51	2.00	51	2.04	52	2.04	52
TOTAL MISALIGNMENT DEGREE	6		14		14		14		14		14		14	
WEIGHT (LBSF)	7.25		17.5		21.75		26.00		30.00		34.5		38.8	
WEIGHT (KGF)	3.3		8.0		10.0		11.8		13.6		15.6		17.6	



### ACT Mud Tank Unions

ACT manufactures and supplies unions for mud tanks, mud tank connecting lines and pump suction flanges. These are manufactured for a maximum line pressure of 150 PSI. The nitrile seal provides compressive seal, the cross-section of the seal designed to provide greater sealing surface. The union is designed to take a maximum of 7° misalignment on the pipe. Sizes which are catered for are 6", 8", 10", 12", 6", 8" and 10" sizes can be socket welded to pipe or butt welded to tubing. 12" size requires butt weld.



**Mud Tank Union**

	6"		8"		10"		12"		INCH	MM	INCH	MM	INCH	MM
	INCH	MM	INCH	MM	INCH	MM	INCH	MM						
A (CLEARANCE RADIUS)	6.25	159	7.50	191	8.50	216	9.75	248	10.62	270	11.75	298	12.87	327
B (OUTSIDE DIAMETER)	7.88	200	9.88	251	11.88	302	14.00	356	16.0	406	18.0	457	20.0	507
C (END TO FACE)	4.38	111	4.38	111	4.52	115	4.52	115	4.68	119	4.85	123	4.72	120
D (SOCKET WELD DEPTH)	0.38	9.5	0.38	9.5	0.38	9.5	0.38	9.5	-	-	-	-	-	-
WEIGHT (LBSF)	22		31		37		50		-		-		-	
WEIGHT (KGF)	10		14		16.8		22.7		-		-		-	

NOTE: